

California Regional Water Quality Control Board  
Santa Ana Region

**RESOLUTION NO. R8-2007-0083**

**Resolution Approving Plans and Schedules Submitted by the Canyon Lake/Lake Elsinore TMDL Task Force and Individual Discharger Groups Pursuant to the Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Loads Specified in the Water Quality Control Plan for the Santa Ana River Basin**

**WHEREAS**, the California Regional Water Quality Control Board, Santa Ana Region (hereinafter Regional Board), finds that:

1. An updated Water Quality Control Plan for the Santa Ana River Basin (Basin Plan) was adopted by the Regional Board on March 11, 1994, approved by the State Water Resources Control Board (SWRCB) on July 21, 1994, and approved by the Office of Administrative Law (OAL) on January 24, 1995.
2. Amendments to the Basin Plan to incorporate Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Loads (TMDLs) were approved by the Regional Board on December 20, 2004, by the State Water Resources Control Board on May 19, 2005, by the Office of Administrative Law on July 26, 2005 and by the US Environmental Protection Agency on September 30, 2005.
3. The Lake Elsinore and Canyon Lake Nutrient TMDLs were developed in accordance with Clean Water Act Section 303(d) and the California Water Code, Division 7, Chapter 4, Article 3, Section 13240 *et seq.* The amendment is incorporated into Chapter 5 "Implementation", of the Basin Plan.
4. Responsible agencies and dischargers in the Lake Elsinore/Canyon Lake watershed have formed a Lake Elsinore and Canyon Lake TMDL Task Force (TMDL Task Force). The TMDL Task Force members are working jointly to implement requirements of the Lake Elsinore and Canyon Lake Nutrient TMDLs. TMDL Task Force members include the following agencies/parties: the US Forest Service, the US Air Force (March Air Reserve Base), March Joint Powers Authority, California Dept. of Transportation (Caltrans), California Dept. of Fish and Game, the County of Riverside, the Riverside County Flood Control and Water Conservation District, Eastern Municipal Water District, Elsinore Valley Municipal Water District, Western Riverside County Agricultural Coalition, and the cities of Lake Elsinore, Canyon Lake, Hemet, San Jacinto, Perris, Moreno Valley, Murrieta, Riverside and Beaumont.
5. The Regional Board is a signatory to the Task Force Agreement and serves as an advisory member of the TMDL Task Force.
6. The Lake Elsinore and Canyon Lake Nutrient TMDLs, Task 5 - Agricultural Activities requires the agricultural operators within the Lake Elsinore and Canyon Lake watershed to submit a proposed Nutrient Management Plan (NMP) by September 30, 2007.

7. In compliance with the Task 5 – Agricultural Activities, by letter dated September 12, 2007 and on behalf of agricultural operations in the San Jacinto River watershed, including confined animal feeding operators, the Western Riverside County Agricultural Coalition (WRCAC), submitted for Regional Board review and approval a proposed plan and schedule for development of the Agricultural Nutrient Management Plan.
8. The Regional Board has reviewed the proposed plan and schedule for development of the Agricultural Nutrient Management Plan and finds that it complies with the applicable requirements of the Lake Elsinore and Canyon Lake Nutrient TMDLs specified in the Basin Plan.
9. The Lake Elsinore and Canyon Lake Nutrient TMDLs, Task 8 - Forest Area – Identification of Forest Lands Management Practices requires the US Forest Service to submit by September 20, 2007 for Regional Board review and approval, a plan with a schedule for identification, development and implementation of Management Practices to reduce nutrient discharges emanating from the Cleveland National Forest and the San Bernardino National Forest.
10. In compliance with Task 8 - Forest Area – Identification of Forest Lands Management, by letter dated September 27, 2007, the San Bernardino National Forest staff submitted a proposed list of the existing Forest Plans that are pertinent to achieve compliance with the TMDL requirements, and a list of BMP evaluation/monitoring reports. The submittal addresses Forest Plans for both the San Bernardino and Cleveland National Forests. Additional information submitted by the Forest Service on October 25, 2007, includes requested information on BMP effectiveness monitoring.
11. The Regional Board has reviewed the Forest Service existing projects and supplemental information provided and finds that the Forest Service submittal complies with the applicable requirements of the Lake Elsinore and Canyon Lake Nutrient TMDLs specified in the Basin Plan.
12. The Lake Elsinore and Canyon Lake Nutrient TMDLs, Task 9 - Lake Elsinore Sediment Nutrient Reduction Plan requires all dischargers to submit by March 31, 2007 for Regional Board review and approval a proposed plan and schedule for reduction of in-lake sediment nutrient loads for Lake Elsinore.
13. In compliance with Task 9 - Lake Elsinore Sediment Nutrient Reduction Plan, by letter dated November 1, 2007, the Lake Elsinore/Canyon Lake TMDL Task Force, submitted for Regional Board review and approval a final In-Lake Sediment Nutrient Reduction Plan. The Plan includes existing projects and new strategies to improve water quality in Lake Elsinore, compliance monitoring (both water quality and biological), and an implementation schedule.
14. The Regional Board has reviewed the proposed Lake Elsinore in-lake nutrient reduction plan and schedule and finds that it complies with the applicable requirements of the Lake Elsinore and Canyon Lake Nutrient TMDLs specified in the Basin Plan.
15. The Lake Elsinore and Canyon Lake Nutrient TMDLs, Task 10 - Canyon Lake Sediment Nutrient Treatment Evaluation Plan requires specified nutrient dischargers to submit by

March 31, 2007 for Regional Board review and approval a proposed plan and schedule for evaluating in-lake sediment nutrient treatment strategies for Canyon Lake.

16. In compliance with Task 10 – Canyon Lake Sediment Nutrient Treatment Evaluation Plan, by letter dated June 25, 2007, the San Jacinto River Watershed Council submitted for Regional Board review and approval a proposed Canyon Lake in-lake nutrient sediment evaluation plan. Additional model analysis is being conducted by the TMDL Task Force to ensure that the proposed nutrient sediment reduction alternatives would achieve compliance with the TMDL targets and to develop an implementation schedule. The model analysis is expected to be completed by December 2007.
17. The Regional Board has reviewed the proposed Canyon Lake in-lake nutrient treatment evaluation plan and the proposed plan to conduct additional model analysis and develop an implementation schedule. The proposed plans will comply with the applicable requirements of the Lake Elsinore and Canyon Lake Nutrient TMDLs specified in the Basin Plan.
18. The Lake Elsinore and Canyon Lake Nutrient TMDLs, Task 11- Update of Watershed and In-Lake Nutrient Models requires all nutrient dischargers to submit by March 31, 2007 for Regional Board review and approval a proposed plan and schedule for updating the existing Lake Elsinore/San Jacinto River Nutrient Watershed Model and the Canyon Lake and Lake Elsinore in-lake models.
19. In compliance with Task 11 – Update of Watershed and In-Lake Nutrient Models, by letter dated November 1, 2007, the TMDL Task Force submitted for Regional Board review and approval a proposed plan and schedule for update of the watershed and in-lake water quality models.
20. The Regional Board has reviewed the proposed plan and schedule for Update of Watershed and In-Lake Nutrient Models and finds that it complies with the applicable requirements the Lake Elsinore and Canyon Lake Nutrient TMDLs specified in the Basin Plan.
21. The Lake Elsinore and Canyon Lake Nutrient TMDLs, Task 12 - Pollutant Trading Plan requires specified dischargers to submit by September 30, 2007 for Regional Board review and approval a proposed Pollutant Trading Plan.
22. In compliance with Task 12 – Pollutant Trading Plan, by letter dated November 1, 2007, the TMDL Task Force submitted for Regional Board review and approval a proposed plan and schedule for development of a pollutant trading plan.
23. The Regional Board has reviewed the proposed Pollutant Trading Plan and schedule and finds that it complies with the applicable requirements of the Lake Elsinore and Canyon Lake Nutrient TMDLs specified in the Basin Plan

**NOW, THEREFORE, BE IT RESOLVED THAT:**

1. The Regional Board approves the following plans and schedules as set forth in the attachments:

Attachment A – Agricultural Nutrient Management Plan

Attachment B – Forest Service Land Practices Identification

Attachment C – Lake Elsinore Sediment Nutrient Reduction Plan


Attachment D – Canyon Lake Sediment Nutrient Treatment Evaluation Plan

Attachment E – Watershed and In-Lake Nutrient Models Update Plan

Attachment F – Pollutant Trading Plan

2. These plans comply with the respective requirements of the Lake Elsinore and Canyon Lake Nutrient TMDLs specified in the Basin Plan.
3. Agricultural operators, the US Forest Service and members of the TMDL Task Force are in compliance with the Lake Elsinore and Canyon Lake Nutrient TMDLs.
4. These plans and schedules must be implemented upon Regional Board approval.

I, Gerard J. Thibeault, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of a resolution adopted by the California Regional Water Quality Control Board, Santa Ana Region, on November 30, 2007.

  
Gerard J. Thibeault  
Executive Officer